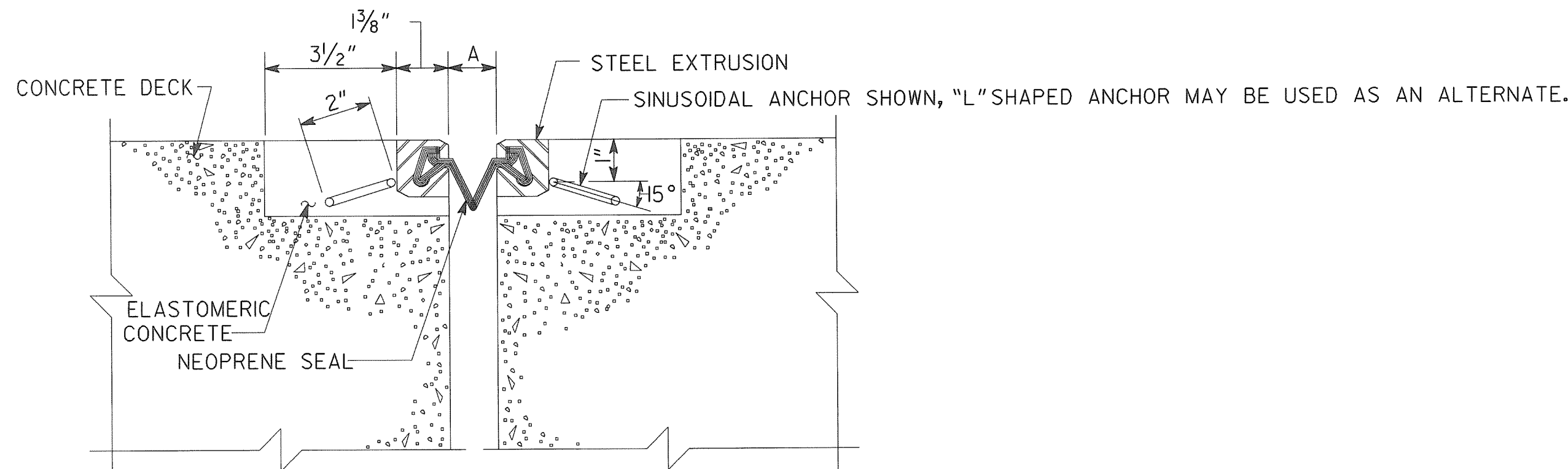


STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	BHNLB-9073-00(016) BRNLB-9073-00(018)	147	144



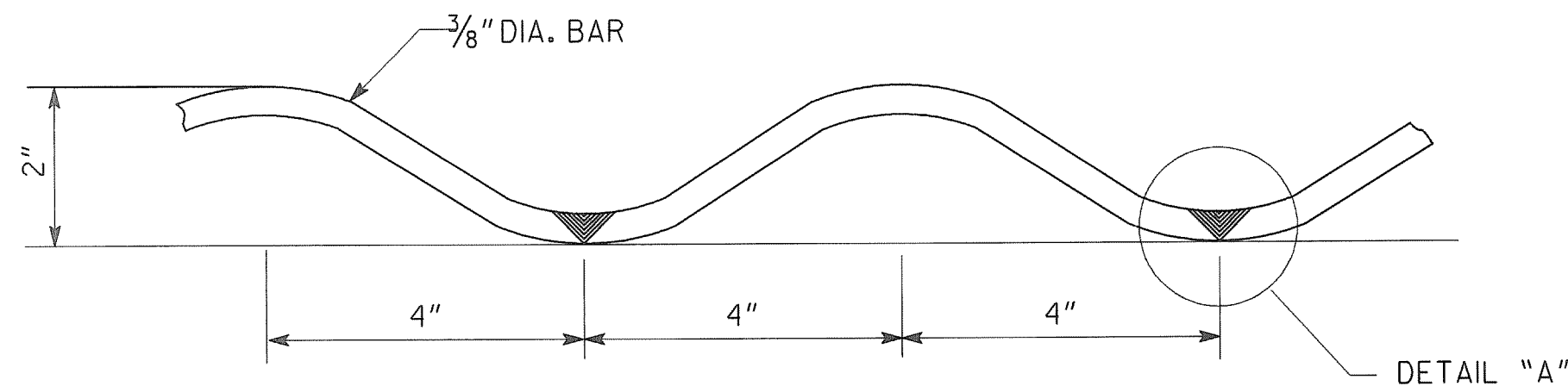
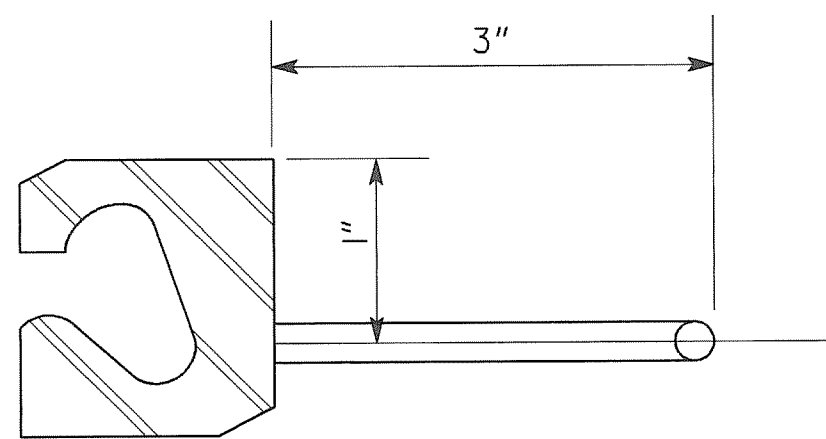
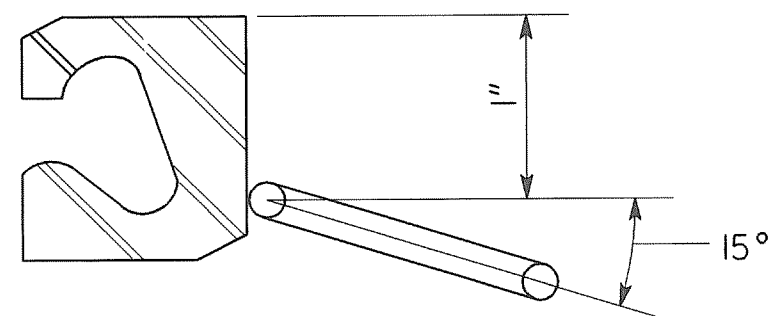
SECTION THROUGH JOINT (TYPE D) AT UPPER MLK JR. DR. (NEAR PIER 5)

NO SCALE

NOTE: SEE STANDARD SPECIFICATIONS - SECTION 443 "ELASTOMERIC PROFILE BRIDGE JOINT SEALS" FOR FURTHER REQUIREMENTS.

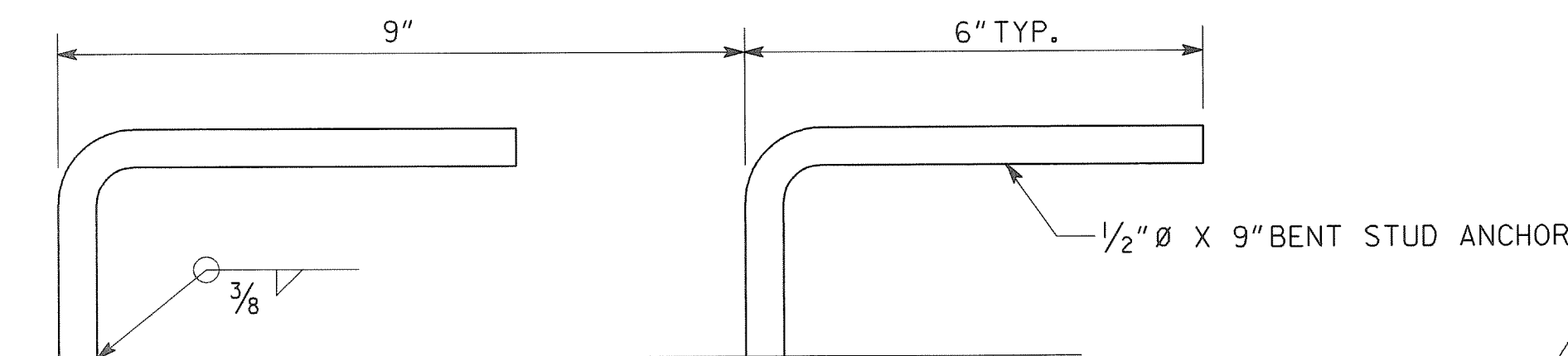
INSTALLATION PROCEDURE

1. PLACE THE NEW EXPANSION JOINT DEVICE IN THE BLOCKOUT TO THE PROPER LINE AND GRADE, THE DISTANCE BETWEEN EXTRUSIONS BEING SET WITH RESPECT TO TEMPERATURE AND MANUFACTURER'S RECOMMENDATIONS.
2. PREHEAT AS REQUIRED AND MIX THE ELASTOMERIC CONCRETE AS PER MANUFACTURER'S RECOMMENDATIONS. PLACE THE MIX INTO THE PREPARED BLOCKOUT AND TROWEL SMOOTH.
3. IF REQUIRED, PLACE HEAT CURING CHAMBERS OVER THE INSTALLED JOINT FOR THE PERIOD OF TIME NECESSARY TO HEAT FUSE AND CURE THE ELASTOMERIC CONCRETE.



SINUSOIDAL ANCHOR DETAIL

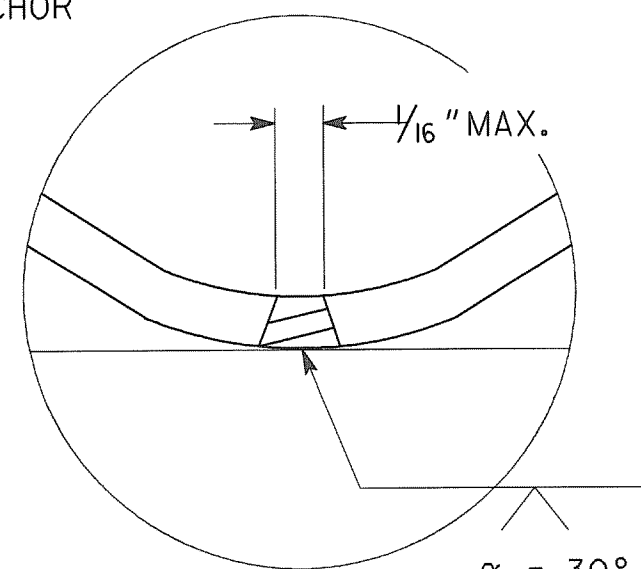
SCALE: 1/2" = 1"



"L" SHAPED ANCHOR DETAIL

SCALE: 1/2" = 1"

LOCATION	A			MOVEMENT RATING
	MID. TEMP.	MAX. OPENING	MIN. OPENING	
MLK JR. DR.	1"	1 3/4"	3/4"	1"

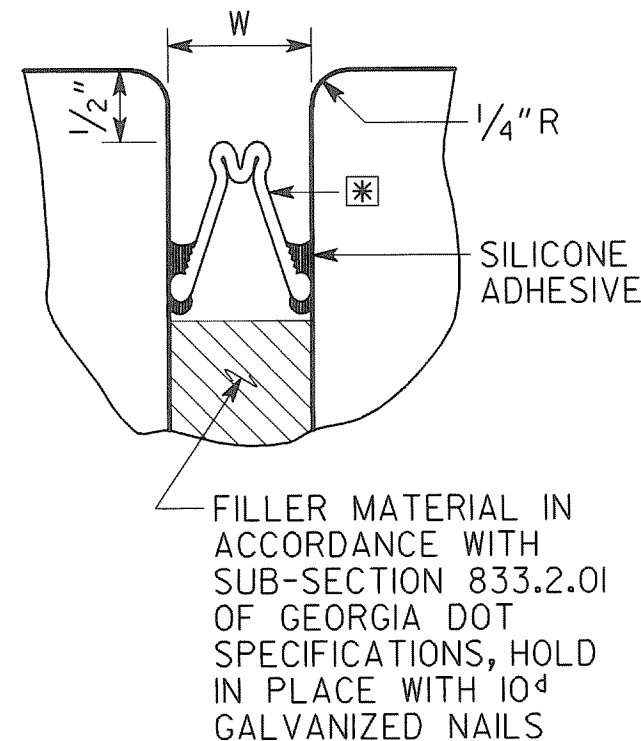


DETAIL "A"

"W" (JOINT WIDTH) SHALL BE BASED ON THE AVERAGE BRIDGE DECK CONCRETE TEMPERATURE.

	TEMP (°F)	30	60	90
PIER 1	"W" (IN)	1 1/2	1	1/2
PIER 5	"W" (IN)	2 1/4	1 1/2	3/4
PIER 15	"W" (IN)	3 3/8	2 1/4	1 1/8
PIER 17	"W" (IN)	3 3/8	2 1/4	1 1/8

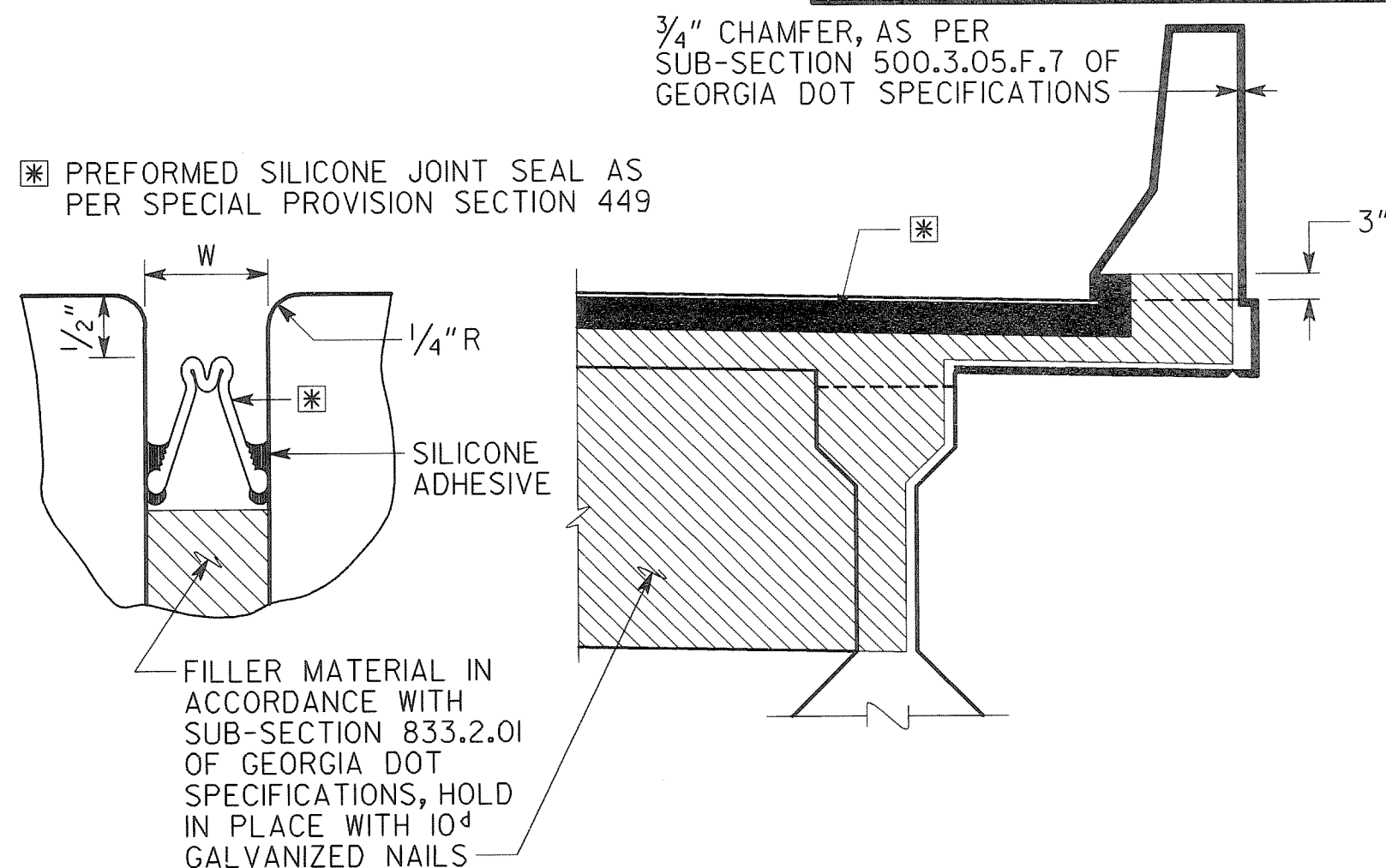
PREFORMED SILICONE JOINT SEAL AS PER SPECIAL PROVISION SECTION 449



		JOINT OPENING		
		TEMP (°F)	30	60
GA BAR	"W" (IN)	4½	4	3½

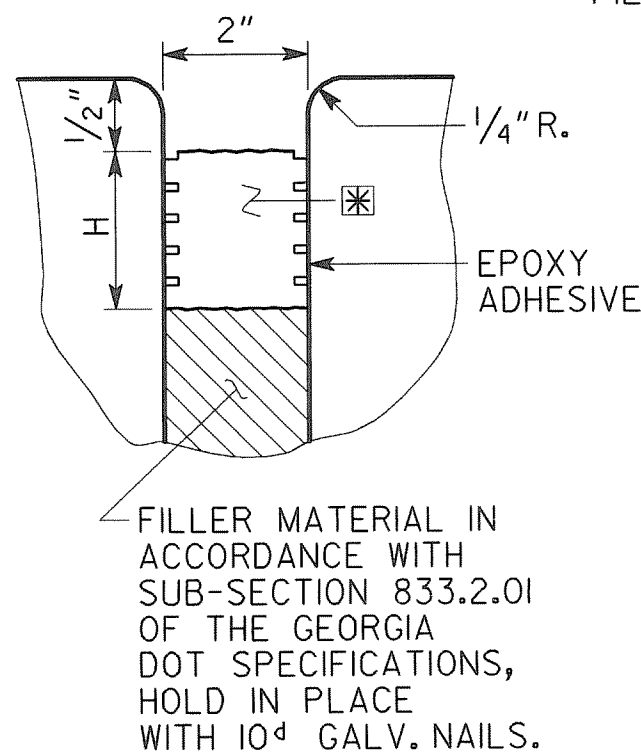
EXPANSION JOINT DETAILS (TYPE E) AT SPAN 19 RIGHT (APPROX. STA. 27+10)

- NOTES:
1. "W" (JOINT WIDTH) SHALL BE BASED ON THE AVERAGE BEAM TEMPERATURE.
 2. PRORATE "W" BETWEEN TEMPERATURE VALUES SHOWN.
 3. ASSUMED NORMAL TEMPERATURE IS 60° F.
 4. SEE SPECIAL PROVISION - SECTION 449 "BRIDGE DECK JOINT SEALS" FOR FURTHER REQUIREMENTS.
 5. INCLUDE ALL COSTS ASSOCIATED WITH FURNISHING LABOR, MATERIALS, FABRICATION AND INSTALLATION OF PREFORMED SILICONE SEALS COMPLETE AND IN PLACE IN THE UNIT PRICE BID FOR PAY ITEM 449-1350.



EXPANSION JOINT DETAILS-TYPE C

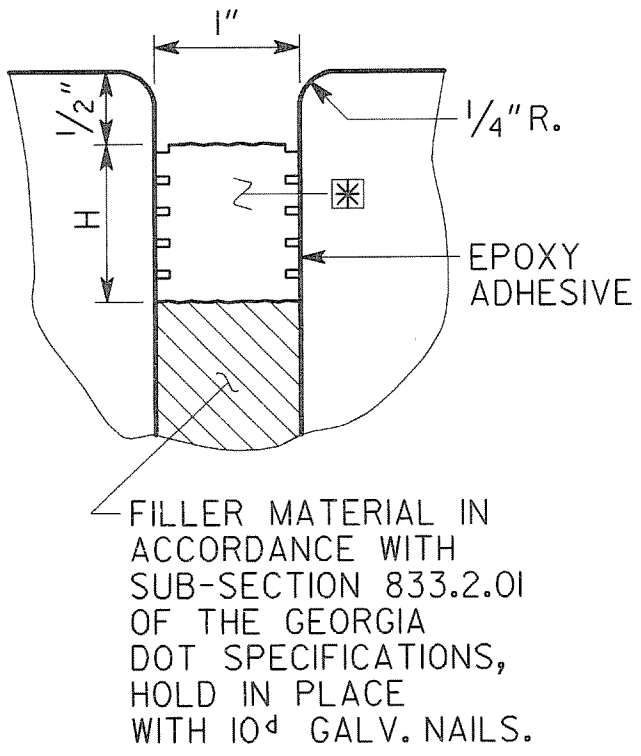
PIERS 1, 5, 15, AND 17



2" EXPANSION JOINT DETAIL-TYPE B

AT SPAN 14 LT. (APPROX. STA. 20+50)
AND SPAN 15 LT. (APPROX. STA. 21+40)

SEAL AS PER GEORGIA DOT SPECIFICATIONS SECTION 449.2.D. SEAL SHALL BE 2" IN DEPTH BY 2 1/2" WIDE PRIOR TO INSTALLATION.

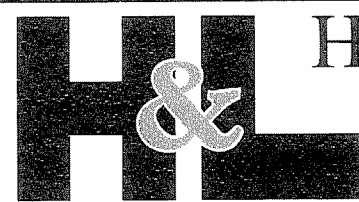


1" EXPANSION JOINT DETAIL-TYPE A

AT END ABUT. 1, B.F.P.R. ABUT. 1, B.F.P.R. ABUT. 19
SPANS 1-5 LEFT AND RIGHT, UPPER
MLK DRIVE (WEST), SPAN 16 LEFT (APPROX. STA. 23+75),
SPAN 17 LEFT (APPROX. STA. 24+35 AND 24+65)
SPAN 17 RIGHT (APPROX. STA. 24+30)
SPAN 19 LEFT (APPROX. STA. 27+40)

SEAL AS PER GEORGIA DOT SPECIFICATIONS SECTION 449.2.D. SEAL SHALL BE 2" IN DEPTH BY 1 1/4" WIDE PRIOR TO INSTALLATION.

BRIDGE NO. 1



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(770)424-1668

GEORGIA
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

EXPANSION JOINT DETAILS
SPRING STREET VIADUCT OVER
CSX TRANSPORTATION

FULTON COUNTY

BHNLB-9073-00(016)
BRNLB-9073-00(018)

NO SCALE

JULY 2013

DRAWING NO.
35 - 30

BRIDGE SHEET
30 OF 79

DESIGNED KAK
DRAWN JRL

CHECKED BKA/GBL
DESIGN GROUP SWW

REVIEWED WMD/DLC
APPROVED BFR

1 INCH WHEN PRINTED FULL SIZE